



User Manual

Commercial Reach-In Refrigerators: RF-1D, RF-2D, RF-3D

Commercial Reach-In Freezers: FZ-1D, FZ-2D

This manual contains important information about your new Admiral Craft refrigerated unit. Please read this manual carefully before set-up, operation and maintenance.

INSTALLATION

IMPORTANT!!! PLEASE READ BEFORE INSTALLATION

1. If the unit has recently been transported, do not use for a minimum of 24 hours before installing.
2. Make sure that the unit is at the desired temperature before loading it with product.
3. Ensure that the unit will have proper ventilation in the area that it will operate.
4. Inspect the unit to verify all accessories (shelves, shelf clips, casters) are equipped with the unit before proceeding with installation.
5. Review the entire manual in its entirety. Lack of maintenance or misuse of the unit will void the warranty. Please fill out the registration card and send back to the manufacturer.

CABINET LOCATION GUIDELINES

- 1. Install the unit on a flat sturdy surface**
 - Unit may make abnormal noises if surface is uneven
 - Unit may malfunction if surface is uneven
- 2. Install the unit in an indoor, well ventilated area**
 - Unit performs more efficiently in a well ventilated area
 - Maintain a clearance of at least 4" for the back of the unit
 - Outdoor use may cause decreased performance and may damage the unit.
- 3. Avoid installing the unit in a high humidity and/or dusty area**
 - Exposure to humidity may cause the unit to rust and/or decrease the efficiency of the unit.
 - Dust buildup on the condenser coil will cause the unit to malfunction. Clean the condenser at least once a month with a brush or clean cloth. Neglect of maintenance will void the warranty.
- 4. Select a location away from heat and moisture generating equipment**
 - High ambient temperatures will cause the compressor to overcompensate, leading to higher energy bills and eventual breakdown of the unit.
 - Malfunction due to high temperatures will void the warranty.

ELECTRICAL

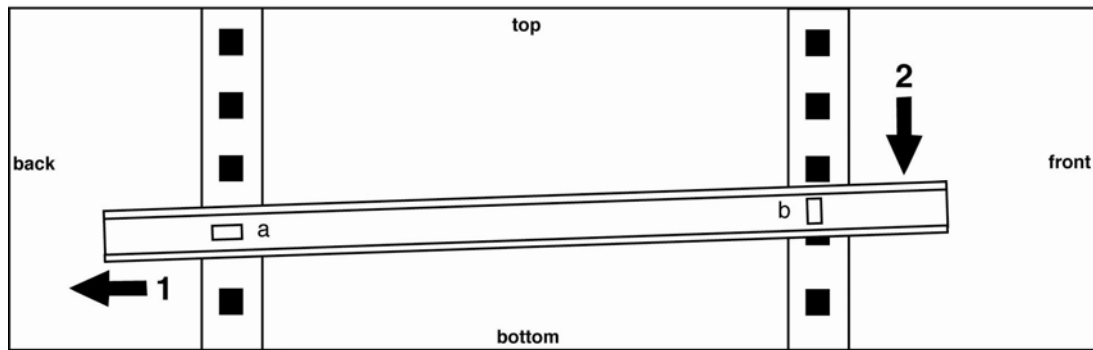
Please ensure that the required voltage of the compressor is constant at all times. Low or high voltage can detrimentally affect the unit and thereby void its warranty.

All units should be plugged into a grounded and properly-sized electrical outlet with an appropriate overcurrent protection. Please refer to the electrical requirements on the serial tag located inside the unit. Please make sure that the unit has its own dedicated outlet. Do not use an extension cord.

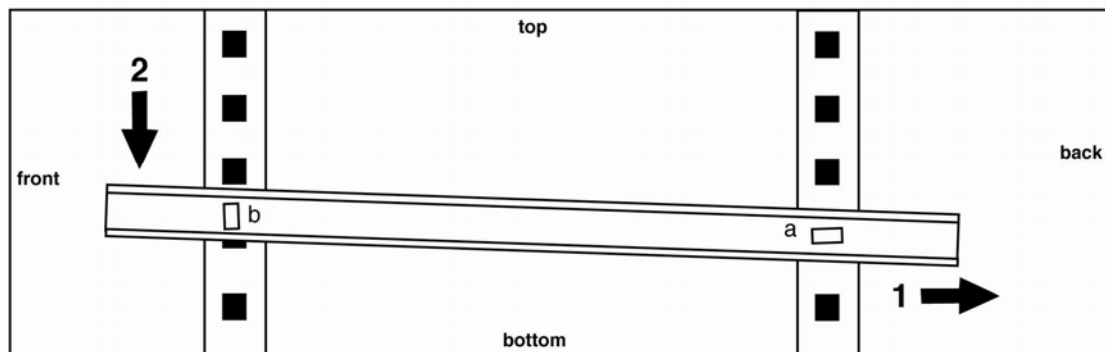
SHELF BRACKET INSTALLATION

Make sure to follow the diagrams listed below to install shelf brackets properly

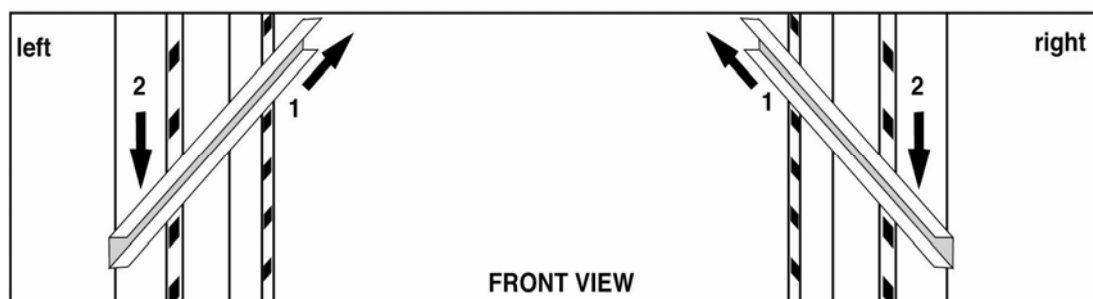
(picture of interior pilasters, right side)



(picture of interior pilasters, left side)



1. Attach the back of the bracket first by sliding the opening (a) into the back pilaster
2. Attach the front of the bracket by securing the opening (b) into the front pilaster with a downward motion (**IMPORTANT**)



SAFETY / WARNING

1. To minimize shock and fire hazards, be sure not to overload the outlet. One outlet should be designated to the unit only.
2. Do not use extension cords.
3. Do not put hands under the unit when moving.
4. When the unit is not being used for an extended period of time, unplug the unit from the outlet.
5. After unplugging the unit, wait at least 10 minutes before re-plugging it. Failure to wait the allotted time may cause damage to the compressor.
6. To minimize shock and/or fire hazards, be sure not to plug or unplug the unit with wet hands.
7. Before any maintenance or cleaning, unplug the unit as a precaution.
8. To minimize shock and fire hazards, make sure that the unit is properly grounded.
9. Do not attempt to remove or repair any component.
10. Make sure that the unit is not resting on or against the electrical cord or plug.
11. Do not hang or lean against door as this may cause personal injury or damage to the door hinge.
12. Do not store any flammable and/or explosive gas or liquids inside the unit.
13. Do not attempt to alter or tamper with the electrical cord.
14. Do not set the desired temperature out of the recommended temperature range:
(REFRIGERATOR: 32 F – 55 F) (FREEZER: -15 F – 20 F)

REGULAR MAINTENANCE

WARNING

Disconnect power cord before cleaning any parts of the unit.

CLEANING THE CONDENSOR COIL

For efficient operation, it is important that the condenser surface be kept free of dust, dirt, and lint. It is highly recommended that the condenser coil be cleaned at least once a month. Clean with a commercial condenser coil cleaner and brush the condenser fins from top to bottom. After cleaning, straighten any bent fins with a fin comb.

CLEANING THE FAN BLADES AND MOTOR

If needed, clean the fan blades and motor with a soft cloth if there is any buildup. If it is necessary to wash the fan blades, cover the fan motor first to prevent any kind of moisture damage.

CLEANING THE INTERIOR OF THE UNIT

When cleaning the cabinet interior, use a mixture of mild soap and warm water. It is not recommended to use steel wool, caustic soap, abrasive cleaners, or bleach as this may cause damage to the stainless steel surface.

Wash door gaskets on a weekly basis. Remove the door gasket from the frame of the door, soak in a mixture of mild soap and warm water for 30 minutes and dry with a soft cloth. Place back on the door and check that the gaskets form a proper seal after they are replaced.

Periodically remove the shelves and pilasters from the unit and clean them with a mild soap and water mixture. To remove the pilasters, first remove the shelves and shelf brackets. Then lift the pilaster up and out.

TROUBLESHOOTING

Before requesting any service on the unit, please check the following chart. Service calls resulting from lack of maintenance or misuse is not covered under the warranty and may also void the warranty.

Please note that this guide serves only as a reference for solutions to common problems.

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
Compressor not running	Blown fuse or circuit breaker tripped	Replace fuse or reset circuit breaker
	Unplugged power cord	Plug in power cord
	Thermostat set too high	Set thermostat to lower temperature
	Cabinet in defrost cycle	Wait for defrost cycle to finish
Condenser runs for long periods of time	Excessive amount of warm products placed in cabinet	Allow adequate time for product to cool down
	Prolonged door opening or door left open	Ensure doors are closed. Avoid leaving the door open for long periods of time
	Door gasket(s) not creating a proper seal	Ensure gasket is installed correctly and that it is clean. Replace gasket if necessary.
	Dirty condenser coil	Clean the condenser coil
	Evaporator coil iced over	Unplug unit and allow coil to defrost. Ensure that the thermostat is not set to cold. Ensure that the door gasket is creating a proper seal.

Troubleshooting Continued...

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
Cabinet temperature is too warm	Thermostat set too warm	Set thermostat to lower temperature
	Blocked air flow	Re-arrange products to allow proper air flow. Make sure there is at least four inches of clearance from evaporator
	Excessive amount of warm products placed in the cabinet	Allow adequate time for products to cool down
	Blown fuse or circuit breaker tripped	Replace fuse or reset circuit breaker
	Dirty condenser coil	Clean the condenser coil
	Prolonged door open or door left open	Ensure doors are closed. Avoid leaving the door open for long periods of time
	Evaporator coil iced over	Unplug unit and allow coil to defrost. Ensure that the thermostat is not set to cold. Ensure that the door gasket is creating a proper seal.
Cabinet is noisy	Loose parts	Locate and tighten loose parts
	Tubing Vibration	Ensure tubing is free from contact with other tubing or components.

NOTES:

RETAIN THIS MANUAL FOR FUTURE REFERENCE

Please read the entire manual carefully before installing and operating. If certain recommended procedures are not followed, warranty claims will be denied.

Notice: Admiral Craft reserves the right to make changes in design and specifications without prior notice.

MODEL #: _____

SERIAL #: _____

PURCHASE DATE: _____